

09902709\_CLS.txt  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09902709 on October 22, 2004

Original Classifications

4 370/325  
4 455/12.1  
2 342/353  
2 342/373  
2 370/319  
2 375/346  
2 455/522

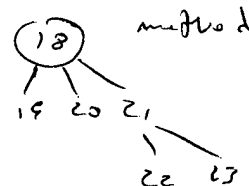
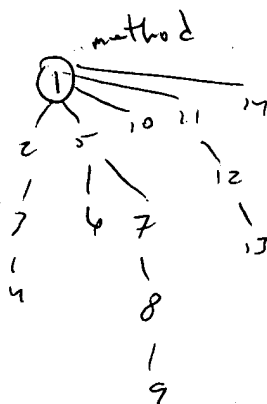
Cross-Reference Classifications

4 343/840  
4 455/427  
3 342/354  
3 343/781P  
3 370/316  
3 370/335  
3 370/343  
3 375/130  
3 380/34  
3 455/12.1  
3 455/13.3  
3 455/13.4  
3 455/272  
3 455/69  
3 725/67  
2 340/7.33  
2 343/782  
2 370/318  
2 370/320  
2 370/321  
2 370/341  
2 370/342  
2 370/353  
2 370/486  
2 370/535  
2 375/235  
2 375/308  
2 375/347  
2 455/13.1  
2 455/131  
2 455/425  
2 455/505  
2 455/70  
2 725/147

Combined Classifications

7 455/12.1  
5 370/325  
4 343/840  
4 370/316  
4 370/335  
4 375/130  
4 455/427  
4 725/67  
3 342/353  
3 342/354  
3 343/781P  
3 370/320  
3 370/343

724 | 76.19, 76.22  
702 | 76.39, 76.41  
455 | 9, 12.1, 60



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3 380/34  
3 455/13.1  
3 455/13.3  
3 455/13.4  
3 455/272  
3 455/522  
3 455/69  
2 340/7.33  
2 342/373  
2 343/782  
2 343/786  
2 370/318  
2 370/319  
2 370/321  
2 370/323  
2 370/341  
2 370/342  
2 370/353  
2 370/486  
2 370/535  
2 375/235  
2 375/259  
2 375/308  
2 375/346  
2 375/347  
2 455/131  
2 455/425  
2 455/505  
2 455/562.1  
2 455/70  
2 725/147  
2 725/70

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09902709 on October 22, 2004

- 7 455/12.1 (4 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
RETRANSMISSION OF SAME INFORMATION)  
455/11.1 .Portable or mobile repeater  
455/12.1 ..Space satellite
- 5 370/325 (4 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/315 .Repeater  
370/316 ..Airborne or space satellite repeater  
370/319 ...Multiple access (e.g., FDMA)  
370/325 ....Including onboard switching
- 4 343/840 (0 OR, 4 XR)  
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
343/700R ANTENNAS  
343/834 .Antenna with parasitic reflector  
343/840 ..Parabolic-type reflector with active antenna  
at focus
- 4 370/316 (1 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/315 .Repeater  
370/316 ..Airborne or space satellite repeater
- 4 370/335 (1 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment  
370/335 ...Combining or distributing information via  
code word channels using multiple access techniques  
(e.g.,  
CDMA)
- 4 375/130 (1 OR, 3 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/130 SPREAD SPECTRUM
- 4 455/427 (0 OR, 4 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/427 ..Space satellite
- 4 725/67 (1 OR, 3 XR)  
Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
725/63 SATELLITE VIDEO DISTRIBUTION SYSTEM  
725/67 .Transmitter
- 3 342/353 (2 OR, 1 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/350 DIRECTIVE  
342/352 .Including a satellite

- 342/353           ..Having a signal repeater
- 3 342/354       (0 OR, 3 XR)  
     Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
                   AND DEVICES  
     342/350       DIRECTIVE  
     342/352       ..Including a satellite  
     342/354       ..With beam steering
- 3 343/781P       (0 OR, 3 XR)  
     Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
     343/700R       ANTENNAS  
     343/772       ..Wave guide type (e.g., horn)  
     343/781R       ..With external reflector or director  
     343/781P       ...Plural reflectors
- 3 370/320       (1 OR, 2 XR)  
     Class 370 : MULTIPLEX COMMUNICATIONS  
     370/310       COMMUNICATION OVER FREE SPACE  
     370/315       ..Repeater  
     370/316       ..Airborne or space satellite repeater  
     370/319       ...Multiple access (e.g., FDMA)  
     370/320       ....Code division (CDMA)
- 3 370/343       (0 OR, 3 XR)  
     Class 370 : MULTIPLEX COMMUNICATIONS  
     370/310       COMMUNICATION OVER FREE SPACE  
     370/343       ..Combining or distributing information via  
                   frequency channels
- 3 380/34        (0 OR, 3 XR)  
     Class 380 : CRYPTOGRAPHY  
     380/255       COMMUNICATION SYSTEM USING CRYPTOGRAPHY  
     380/270       ..Wireless communication  
     380/33        ..Using plural paths or channels  
     380/34        ...Plural carrier frequencies
- 3 455/13.1      (1 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/7        CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
                   RETRANSMISSION OF SAME INFORMATION)  
     455/11.1     ..Portable or mobile repeater  
     455/12.1     ..Space satellite  
     455/13.1     ...With plural repeater or relay systems
- 3 455/13.3      (0 OR, 3 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/7        CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
                   RETRANSMISSION OF SAME INFORMATION)  
     455/11.1     ..Portable or mobile repeater  
     455/12.1     ..Space satellite  
     455/13.3     ...with antenna feed network or multiple  
                   antenna switching
- 3 455/13.4      (0 OR, 3 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/7        CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
                   RETRANSMISSION OF SAME INFORMATION)  
     455/11.1     ..Portable or mobile repeater  
     455/12.1     ..Space satellite  
     455/13.4     ...Power control
- 3 455/272       (0 OR, 3 XR)

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Class 455 : TELECOMMUNICATIONS  
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER  
 455/269 .With wave collector (e.g., antenna)  
 455/272 ..Plural separate collectors

3 455/522 (2 OR, 1 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
 455/500 .Plural transmitters or receivers (i.e., more than two stations)  
 455/507 ..Central station (e.g., master, etc.)  
 455/517 ...To or from mobile station  
 455/522 ....Transmission power control technique

3 455/69 (0 OR, 3 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
 455/68 .With control signal  
 455/69 ..Transmitter controlled by signal feedback from receiver

2 340/7.33 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/825 SELECTIVE  
 340/825.36 .Having indication or alarm (e.g., location indication)  
 340/7.2 ..Code responsive (i.e., paging)  
 340/7.32 ...Power control or battery saving  
 340/7.33 ....Based on received signal

2 342/373 (2 OR, 0 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES  
 342/350 DIRECTIVE  
 342/368 .Including a steerable array  
 342/373 ..With a matrix

2 343/782 (0 OR, 2 XR)  
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
 343/700R ANTENNAS  
 343/772 .Wave guide type (e.g., horn)  
 343/781R ..With external reflector or director  
 343/782 ...With means reducing re-radiation into active antenna

2 343/786 (1 OR, 1 XR)  
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
 343/700R ANTENNAS  
 343/772 .Wave guide type (e.g., horn)  
 343/786 ..With horn

2 370/318 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/315 .Repeater  
 370/316 ..Airborne or space satellite repeater  
 370/317 ...Including noise compensation  
 370/318 ....Including power control

2 370/319 (2 OR, 0 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/315 .Repeater  
 370/316 ..Airborne or space satellite repeater  
 370/319 ...Multiple access (e.g., FDMA)

2 370/321 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/315 .Repeater  
 370/316 ..Airborne or space satellite repeater  
 370/319 ...Multiple access (e.g., FDMA)  
 370/321 ....Time division (TDMA)

2 370/323 (1 OR, 1 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/315 .Repeater  
 370/316 ..Airborne or space satellite repeater  
 370/319 ...Multiple access (e.g., FDMA)  
 370/321 ....Time division (TDMA)  
 370/323 .....Including onboard switching

2 370/341 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/340 .Using trunking  
 370/341 ..Channel assignment

2 370/342 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/342 .Combining or distributing information via code  
 word channels using multiple access techniques (e.g.,

CDMA)

2 370/353 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/351 PATHFINDING OR ROUTING  
 370/352 .Combined circuit switching and packet  
 switching  
 370/353 ..Switching network having common elements to  
 handle both circuit switched traffic and packet switched  
 traffic

2 370/486 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/473 ..Transmission of a single message having  
 multiple packets  
 370/480 .Combining or distributing information via  
 frequency channels  
 370/485 ..Subscriber carrier  
 370/486 ...Program distribution

2 370/535 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/473 ..Transmission of a single message having  
 multiple packets  
 370/498 .Combining or distributing information via time  
 channels  
 370/535 ..Multiplexing combined with demultiplexing

- 2 375/235 (0 OR, 2 XR)  
     Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
     375/229     EQUALIZERS  
     375/230     ..Automatic  
     375/232     ..Adaptive  
     375/235     ...Quadrature channels
- 2 375/259 (1 OR, 1 XR)  
     Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
     375/259     SYSTEMS USING ALTERNATING OR PULSATING CURRENT
- 2 375/308 (0 OR, 2 XR)  
     Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
     375/295     TRANSMITTERS  
     375/302     ..Angle modulation  
     375/308     ..Phase shift keying
- 2 375/346 (2 OR, 0 XR)  
     Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
     375/316     RECEIVERS  
     375/346     ..Interference or noise reduction
- 2 375/347 (0 OR, 2 XR)  
     Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
     375/316     RECEIVERS  
     375/346     ..Interference or noise reduction  
     375/347     ..Diversity (frequency or time)
- 2 455/131 (0 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/130     RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
                     CONVERTER  
     455/131     ..Frequency conversion between signal source  
                     (e.g., wave collector) and receiver
- 2 455/425 (0 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403     RADIOTELEPHONE SYSTEM  
     455/422.1    ..Zoned or cellular telephone system  
     455/423     ..Diagnostic testing, malfunction indication,  
                     or electrical condition measurement  
     455/425     ...Subscriber equipment
- 2 455/505 (0 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/39     TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
     455/500     ..Plural transmitters or receivers (i.e., more  
                     than two stations)  
     455/501     ..Noise, distortion, or singing reduction  
     455/504     ...Fading compensation  
     455/505     ....Due to weather
- 2 455/562.1 (1 OR, 1 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/73     TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,  
                     TRANSCIVER)  
     455/550.1    ..Radiotelephone equipment detail  
     455/561     ..Base station detail  
     455/562.1    ...Having specific antenna arrangement
- 2 455/70 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
  
455/68 .With control signal  
455/70 ..Receiver control signal originates at message  
transmitter

2 725/147 (0 OR, 2 XR)  
Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
725/143 VIDEO DISTRIBUTION SYSTEM COMPONENTS  
725/144 .Headend  
725/147 ..Communications interface

2 725/70 (1 OR, 1 XR)  
Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
725/63 SATELLITE VIDEO DISTRIBUTION SYSTEM  
725/68 .Receiver  
725/70 ..For digital signal



PLUS Search Results for S/N 09902709, Searched October 22, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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